

WHAT IS CLAIMED IS:

1. An optical attenuator comprising:
a holding sleeve;
a pair of ferrules inserted into and fixed to the holding sleeve such that the ferrules oppose each other at base ends thereof at a predetermined distance between each base end; and
an attenuating fiber inserted into and fixed to the pair of ferrules such that ends of the attenuating fiber are exposed.
2. An optical attenuator according to Claim 1, wherein a soft resin is provided in a space between the base ends of the ferrules.
3. An optical attenuator according to Claim 2, wherein the soft resin comprises an elastic material including rubber or gel.
4. An optical attenuator according to Claim 2, wherein the soft resin comprises a filler containing a light-absorptive material.

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